

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A program product, comprising:

a program linking program recorded on a storage medium for causing, which causes a computer having a memory to function as:

linking means, ~~to link~~ for linking at least one or of a plurality among plural of unlinked programs for each of a plurality of linked programs; advancing toward the completion of ~~one or more~~ the plurality of linked programs;

storage means, ~~to cause the memory to store~~ for storing the one or more plurality of linked programs in the memory; either before or after completion; and,

management means, ~~to cause~~ for causing the linking means to preferentially perform linking of the ~~plural~~ plurality of unlinked programs in a predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur; ~~and,~~

~~a signal holding medium that holds the program linking program.~~
wherein the predetermined priority order is selected from at least one of:

increasing order of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs;

increasing order of size of each of the plurality of unlinked programs such that a program size of each of the plurality of linked programs is not always reduced;

increasing order of product of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs and a size of a corresponding one of the plurality of unlinked programs;

decreasing order of time for linking each of the plurality of unlinked programs upon execution; and

decreasing order of execution frequency of each of the plurality of unlinked programs accompanying execution of the plurality of linked programs.

2. (Currently amended) The program product according to ~~Claim~~ claim 1, wherein the

management means causes the linking means to perform linking, and as a result ~~determine~~
determines the maximum limit.

3. Currently amended) The program product according to ~~Claim~~claim 1, wherein the management means determines the maximum limit by evaluating ~~the sizes~~a size of each of the one or more plurality of linked programs at each stage of linking, without causing the linking means to perform linking.

4-5. (Canceled)

6. (Currently amended) ~~A program linking program, which causes a computer having a memory to function as:~~A computer-readable recording medium for storing a program linking program, the program linking program is for causing a computer having a memory to function as:

linking means, ~~to link~~for linking at least one or of a plurality among plural of unlinked programs ~~for every each of a plurality of linked programs~~, advancing toward the completion of ~~one or more the plurality of~~ linked programs;

storage means, ~~to cause the memory to store~~for storing the ~~one or more plurality of~~ linked programs in the memory; either before or after completion; and,

management means, ~~to cause~~for causing the linking means to preferentially perform linking of the ~~plural plurality of~~ unlinked programs in a predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur;

wherein the predetermined priority order is selected from at least one of:

increasing order of frequency of use of each of the plurality of unlinked programs to create the one or more plurality of linked programs;

increasing order of size of each of the plurality of unlinked programs such that a program size of each of the linked programs is not always reduced;

increasing order of product of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs and a size of a corresponding

one of the plurality of unlinked programs;

decreasing order of time for linking each of the plurality of unlinked programs

upon execution; and

decreasing order of execution frequency of each of the plurality of unlinked programs accompanying execution of the plurality of linked programs.

7. (Currently amended) A program linking device, comprising:

a memory;

a linking unit, operable to link at least one or of a plurality among plural of unlinked programs for each of a plurality of linked programs; advancing toward the completion of ~~one or more~~ the plurality of linked programs;

a storage unit, operable to cause the memory to store the one or more plurality of linked programs; either before or after completion; and,

a management unit, operable to cause the linking unit to preferentially perform linking of the plural plurality of unlinked programs in a predetermined priority order and to a maximum limit; within a range in which overflow of a predetermined capacity of the memory does not occur;

wherein the predetermined priority order is selected from at least one of:

increasing order of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs;

increasing order of size of each of the plurality of unlinked programs such that a program size of each of the plurality of linked programs is not always reduced;

increasing order of product of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs and a size of a corresponding one of the plurality of unlinked programs;

decreasing order of time for linking each of the plurality of unlinked programs upon execution; and

decreasing order of execution frequency of each of the plurality of unlinked programs accompanying execution of the plurality of linked programs.

8. (Currently amended) A terminal device, comprising:

a memory;

a linking unit, operable to link at least one or of a plurality among plural of unlinked programs for each of a plurality of linked programs, advancing toward the completion of ~~one or more~~ the plurality of linked programs;

a storage unit, operable to cause the memory to store the ~~one or more~~ plurality of linked programs, either before or after completion;

a management unit, operable to cause the linking unit to preferentially perform linking of the ~~plural~~ plurality of unlinked programs in a predetermined priority order and to a maximum limit; within a range in which overflow of a predetermined capacity of the memory does not occur; and,

an execution control unit, operable to execute, among the ~~one or more~~ plurality of linked programs stored in the memory, a designated program; ~~and,~~

wherein the predetermined priority order is selected from at least one of:

increasing order of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs;

increasing order of size of each of the plurality of unlinked programs such that a program size of each of the plurality of linked programs is not always reduced;

increasing order of product of frequency of use of each of the plurality of unlinked programs to create the plurality of linked programs and a size of a corresponding one of the plurality of unlinked programs;

decreasing order of time for linking each of the plurality of unlinked programs upon execution; and

decreasing order of execution frequency of each of the plurality of unlinked programs accompanying execution of the plurality of linked programs, and

wherein the execution control unit ~~has~~ includes a runtime linking unit that, when a linked program to be executed is not ~~completed as regards linking~~ completely linked, ~~completes is~~ operable to complete the linked program to be executed by linking at least one of or a plurality of

~~programs from among the plural-plurality of~~ unlinked programs.

9. (Currently amended) The terminal device according to ~~Claim~~claim 8, further comprising an acquisition unit operable to acquire the ~~plural-plurality of~~ unlinked programs, and a storing unit operable to store the ~~plural-plurality of~~ unlinked programs acquired by the acquisition unit.

10. (Currently amended) A program linking method, comprising:

~~a linking step of linking at least one or of a plurality among plural of~~ unlinked programs for each of a plurality of linked programs; advancing toward the completion of ~~one or more the~~ plurality of linked programs; and

~~a storage step of storing in a memory the one or more plurality of~~ linked programs; either before or after completion; ~~and, wherein said~~

~~in the linking step, linking is performed preferentially in a predetermined priority order among the plural-plurality of~~ unlinked programs and to a maximum limit; within a range in which overflow of a predetermined capacity of the memory does not occur; ~~and~~

wherein the predetermined priority order is selected from at least one of:

increasing order of frequency of use of each of the plurality of unlinked programs
to create the plurality of linked programs;

increasing order of size of each of the plurality of unlinked programs such that a
program size of the plurality of linked programs is not always reduced;

increasing order of product of frequency of use of each of the plurality of unlinked
programs to create the plurality of linked programs and a size of a corresponding
one of the plurality of unlinked programs;

decreasing order of time for linking each of the plurality of unlinked programs on
execution; and

decreasing order of execution frequency of each of the plurality of unlinked
programs accompanying execution of the plurality of linked programs.